



THE  
Urban District Council of Stretford.


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ANNUAL REPORTS

FOR 1919

OF THE  
MEDICAL OFFICER OF HEALTH  
AND  
INSPECTOR OF NUISANCES.

*(Approved by Health Committee, August 10th, 1920).*



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# Stretford Urban District Council.

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## HEALTH COMMITTEE.

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COUNCILLOR J. WILLIAMS, J.P., Chairman.  
 „ J. W. DORRAN. Deputy-Chairman.  
 „ F. W. BATES, J.P.  
 „ R. G. BAGLEY, J.P.  
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 „ T. B. FINNEY.  
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 „ T. JOHNSTON, J.P.  
 „ H. LEWTAS, J.P.  
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 „ P. MACDONALD, J.P., C.C., Chairman of  
     the Council.  
 „ A. MARROW.  
 „ J. MARPLE.  
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 „ J. ROBERTS.  
 „ SIR T. ROBINSON, J.P., M.P.  
 „ H. STOTHARD.  
 „ J. WHITESIDE.  
 GEO. H. ABRAHAMS, Clerk of the Council.

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WILLIAM JOHN HESLOP, F.R.C.S. (Ed.), Medical Officer  
 of Health.

ELLIS NUTTALL, C.R.S.I., Cert. M.I., Chief Sanitary  
 Inspector and Cleansing Superintendent.

STATISTICAL SUMMARY FOR THE YEAR  
1919.

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Area (Statute Acres) ... ..	3239½
Rateable Value ... ..	£348,855 15s.
Population (estimated) for Death rate ...	45,603
„ „ „ Birth rate... ..	47,506
Population (census, 1911) ... ..	42,496
Birth Rate—per thousand population ...	12.8
Death Rate—per thousand population ...	12.3
Standardised Death Rate, per thousand population ... ..	13.6
Persons per acre ... ..	14.7
Infantile Death Rate—per thousand births registered ... ..	76.7
Zymotic Death Rate—per thousand population	0.22
Respiratory Death Rate (other than Tuberculosis)—per thousand population ...	1.84
Influenza Death Rate ... ..	1.40
Phthisis Death Rate—per thousand population.	0.96
Other Tuberculous Diseases ; Death Rate—per thousand population ... ..	0.21
Cancer Death Rate—per thousand population...	1.42
Infectious Disease Sickness Rate—per thousand population ... ..	3.9

THE  
Urban District Council of Stretford.

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ANNUAL REPORT  
OF THE  
Medical Officer of Health  
FOR 1919.

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To the Chairmen and Members of the Health  
Committee of the Stretford Urban District  
Council.

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GENTLEMEN,

I have the honour to submit to you my Thirty-third Annual Report on the health and sanitary condition of the district for the year ended December 31st, 1919.

Tables I., II., III. and IV. are those required by the Ministry of Health and the Council for the County.

The birth rate is 12.8 per 1,000 of the population as compared with 12.5 for the year 1918, that for the whole of England and Wales is 18.5 as against 17.7 for 1918.

During the year under review the infant mortality rate is 13.9 per 1,000 births in excess of the year 1918, viz. :— 76.7 as against 62.8.

For statistical purposes the Registrar-General has estimated the population for the year 1920 as follows :— Death Rate, 45,603 ; Birth Rate, 47,506.



TABLE (A) SANITARY CENSUS.—STATISTICAL PURPOSES.

1	2	3	4	5	6	7	8	9	10	11
WARD	Number of Houses.	Number of Houses occupied.	Number of Houses empty.	Houses occupied Census 1911.	Houses empty Census 1911.	Population Census 1911.	Number of Persons per occupied House Census April, 1911.	Estimated Population December, 1919, based on Number of persons per House, shown in Col. 8.	Estimated Number of Houses occupied June 30th, 1920.	Estimated Population June 30th worked on figures shown in Col. 8 & 10
Stretford ...	1574	1571	3	1444	50	6084	4.2	6598	1571	6598
Longford ...	844	839	5	736	59	3220	4.37	3666	876	3828
Talbot ...	1660	1648	12	1492	69	7316	4.9	8075	1648	8075
Trafford ...	2830	2817	13	2577	198	11311	4.38	12338	2847	12469
Cornbrook ...	751	742	9	711	81	3707	5.0	3841	742	3841
Clifford ...	1557	1552	5	1506	79	6779	4.5	6982	1552	6982
Park ...	1015	1012	3	824	108	4079	4.88	4989	1012	4989
Total ...	10231	10181	50	9290	644	42496	—	46489	10248	46782

Statement as above furnishes useful information of the growth of the district since the 1911 census, and establishes a correct statement of the total number of houses in the district on a given date.

To the Chairman and Members of the Health Committee I tender my thanks for the support (as in previous years) they have accorded me during the year under consideration.

The very valuable assistance rendered by your Chief Inspector (Mr. Nuttall) I especially desire to acknowledge, and also to record my appreciation of the work done by the District Inspectors and Clerical Staff of the Health Department, and also that carried out by your Health Visitor, Mrs. Ridgway.

I am, your obedient servant,  
W. J. HESLOP, F.R.C.S. (Ed.),  
Medical Officer of Health.

May 31st, 1920.

TABLE GIVING THE BIRTH AND DEATH RATES OF THE  
TOWNSHIP FOR THE YEARS 1910-1919.

Year.	Births.	Rate.	Deaths.	Rate.	Population
1910 ...	814	18.2	477	10.6	44,680
1911 ...	747	17.6	477	11.2	42,496
1912 ...	760	17.3	493	11.2	43,700
1913 ...	733	16.4	446	10.0	44,600
1914 ...	816	18.0	542	12.0	45,100
1915 ...	668	15.1	543	12.3	44,042
1916 ...	756	15.9	504	11.5	{ 43,502
					{ 47,330
1917 ...	670	14.7	458	11.2	{ 40,682
					{ 45,349
1918 ...	573	12.5	570	14.0	{ 40,636
					{ 45,532
1919 ...	612	12.8	565	12.3	{ 45,603
					{ 47,506

TABLE OF WARDS, ACREAGE, POPULATION, DENSITY OF POPULATION,  
BIRTH RATE AND DEATH RATE.

WARD.	ACREAGE.	POPULATION.		Persons per Acre.	BIRTH RATE.		DEATH RATE	
		1918	1919		1918	1919	1918	1919
Stretford ... ..	663½	{ 5840 6525	{ 7016 7308	11.0	11.3	10.2	11.8	9.4
Longford ... ..	455	{ 2846 3575	{ 3763 3919	8.6	12.0	11.5	18.9	11.4
Talbot... ..	756	{ 7145 7875	{ 7399 7908	10.2	10.2	11.6	13.5	10.8
Trafford ... ..	270	{ 11140 11825	{ 12613 13140	48.6	11.7	11.2	12.7	13.3
Cornbrook... ..	171	{ 3140 3882	{ 3348 3487	20.4	12.6	18.9	15.9	18.5
Clifford ... ..	62	{ 6250 6925	{ 6940 7229	116.6	12.4	12.8	15.5	12.6
Park ... ..	862	{ 4275 4925	{ 4524 4715	5.5	18.6	20.1	14.2	12.8

The population in the wards is based on the estimated population supplied by the Registrar-General. The higher figures being used for the Birth Rates and the lower ones for the Death Rates. The number of persons per acre is also based on the higher figures.



COMPARATIVE TABLE OF LIFE STATISTICS, 1919.

	Birth Rate per 1,000 Total Population.	ANNUAL DEATH RATE PER 1,000 CIVILIAN POPULATION.								Rate per 1,000 Births.	
		All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Violence.	Diarrh'a and Enteritis (under 2 years).	Total Deaths under one year.
England and Wales ...	18.5	13.8	0.01	—	0.10	0.03	0.07	0.13	0.47	9.59	89
96 Great Towns, including London (Census populations exceeding 50,000) ... ..	19.0	13.8	0.01	—	0.13	0.04	0.07	0.14	0.45	12.24	93
148 Smaller Towns (Census populations 20,000—50,000) ... ..	18.3	12.6	0.01	—	0.10	0.03	0.08	0.12	0.39	8.67	90
London ... ..	18.3	13.4	0.01	—	0.08	0.03	0.05	0.18	0.47	16.22	85
Stretford ... ..	12.8	12.3	0.02	—	0.04	—	0.02	0.04	0.30	6.55	76.7

It will be seen from the above table that Stretford's Annual Death Rate per 1,000 of the civilian population compares very favourably with that of England and Wales as a whole, also the 96 Great Towns and 148 Towns with populations varying from 20,000 to 50,000 ; but Stretford does not compare at all favourably with those towns in respect of the birth rate per 1,000 of the total population, being only 12.8 as against 18.3 for the 148 Towns above referred to, and 19.0 of the 96 Great Towns with populations exceeding 50,000.

## BIRTHS.

During the year 608 births were registered in the district, 282 being males and 326 being females. In addition to these four births have occurred outside the district and which have been transferred to this district.

WARDS.									SEX.	
Stretford	Longford	Talbot	Trafford	Cornbrook	Clifford	Park	Transferred to District by the County M.O.H.	TOTAL	Males	Females
75	45	86	148	66	93	95	4	612	286	326

The above statement shows the wards in which the births registered in the district occurred. The four transferred births are not allocated to Wards, the addresses not being supplied.

## ILLEGITIMACY.

Illegitimate births were registered from the following Wards :—

Stretford.	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Park.	Transferred by the County M.O.H.	Total
3	2	3	9	2	1	1	—	21

There is a decrease of 11 illegitimate births as compared with the year 1918, when 32 such births were recorded.

Seven deaths of illegitimate children have occurred during the year.

Below I give a short table comparing the death rates per 1,000 registered births of legitimate and illegitimate children for the year 1919 and the five previous years.

	1919	1918	1917	1916	1915	1914
Illegitimate ...	333.3	62.5	45.4	90.9	363.6	192.3
Legitimate ...	76.7	62.8	49.5	69.4	80.5	79.7

TABLE.—INFANT MORTALITY, CAUSES OF DEATH.

The Statement below shows that of the 612 children born during 1919, 47 died before reaching one year of age ; this is equal to 76.7 per 1,000 births registered. The greatest mortality has been in the Longford and Park Wards with mortality rates of 102.2 and 105.2 respectively.

WARD	Small-pox	Chicken-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria and Croup	Erysipelas	Tuberculous Meningitis	Abdominal Tuberculosis	Other Tuberculous Diseases	Meningitis [not Tuberculous]	Convulsions	Laryngitis	Bronchitis	Pneumonia	Diarrhoea	Enteritis	Gastritis	Syphilis	Rickets	Suffocation, overlying	Injury at Birth	Atelectasis	Congenital Malformations	Premature Birth	Atrophy Debility and Marasmus	Influenza	Other Causes	TOTAL	Death Rate per 1,000 Births Registered in Wards	
Stretford	..	..	..	..	..	..	..	..	..	..	1	1	1	1	1	1	1	1	1	..	..	..	..	1	1	1	..	2	..	5	66.6
Longford	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	1	..	..	..	..	..	1	2	..	..	2	..	5	102.2
Talbot..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..	..	..	..	..	1	2	1	..	..	..	6	69.7	
Trafford	..	..	..	..	..	..	1	..	..	..	1	1	1	..	1	1	..	..	2	2	..	..	3	2	3	2	..	..	..	9	60.8
Cornbrook	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	1	1	1	..	..	2	1	2	1	..	..	1	5	75.7
Clifford	..	..	..	..	1	..	..	1	..	..	..	1	1	..	2	1	..	1	1	1	..	..	1	1	3	1	..	..	1	7	75.2
Park	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	..	..	..	..	..	..	..	..	3	1	1	..	..	10	105.2	
Total	..	..	1	..	1	..	1	2	..	..	2	4	..	3	4	1	2	2	1	..	..	..	3	1	1	5	2	2	47	76.7	

TABLE.  
INFANTILE MORTALITY.  
DEATHS IN WARDS AT UNDERMENTIONED AGES.

WARD	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
Stretford ...	1	2			3	1			1	5
Longford ...				1	1	1	1		2	5
Talbot ...	1			1	2	3	1			6
Trafford ...	2	1	1		4	1	2	2		9
Cornbrook	3				3	1		1		5
Clifford ...		1			1	4		1	1	7
Park ...	2	1		1	4	4	1		1	10
Total ...	9	5	1	3	18	15	5	4	5	47

It will be seen from the above table that 18 or 38.3% of the deaths under one year of age occurred before the child was one month old, that 5 or over 10% died before they were a week old.



TABLE.

DEATHS OCCURRING OUTSIDE THE DISTRICT  
of persons belonging to the District

Causes of Death.	Manchester.			Salford		Eccles	Prest- wich	Other districts		Total
	Public Institutions	Private Institutions	Other Addresses	Public Institutions	Other Addresses	Public Institutions	Public Institutions	Public Institutions	Private Houses, etc.	
Influenza ... ..	1	—	—	—	—	2	—	2	—	5
Erysipelas ... ..	1	—	—	—	—	—	—	—	—	1
Phthisis.... ...	1	—	—	—	—	2	2	8	—	13
Tuberculous Meningitis	1	—	—	—	—	—	—	—	—	1
Other Tuberculous Diseases ... ..	1	—	—	—	—	—	—	2	—	3
Cancer ... ..	4	—	—	—	—	5	—	1	—	10
Meningitis ... ..	—	—	—	2	—	—	—	—	—	2
Organic Heart Disease	—	—	1	2	—	7	—	4	1	15
Bronchitis ... ..	2	—	—	—	—	3	—	—	1	6
Pneumonia ... ..	7	—	—	—	—	3	—	2	2	14
Other Diseases of Respiratory Organs	—	—	—	—	—	—	—	—	1	1
Diarrhœa & Enteritis ...	1	—	—	—	—	—	—	—	—	1
Appendicitis and Typhilitis .. ...	3	—	—	—	—	—	—	—	—	3
Nephritis and Bright's Disease ... ..	2	—	—	—	—	—	1	—	—	3
Congenital Debility & Malformations, in- cluding Premature Birth ... ..	1	—	1	—	—	1	—	1	—	4
Violent Deaths ... ..	10	—	—	—	—	—	—	—	—	10
Suicides.... ...	—	—	—	—	—	—	—	—	1	1
Other defined Diseases	17	1	2	1	3	20	—	2	5	51
Diseases ill-defined or unknown ... ..	—	—	—	—	—	1	—	—	1	2
<b>Total ... ..</b>	<b>52</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>44</b>	<b>3</b>	<b>22</b>	<b>12</b>	<b>146</b>

## NOTIFICATION OF BIRTHS ACT, 1907.

Below is a brief summary of notifications received under the above Act, and of the visits made by the Health Visitor during the year :—

No. of births notified—

Within the time specified by the Act ...	554
Later than required by the Act ... ..	25—579

No. of still-births notified	... ..	19
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Total number of notifications received	...	598
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No. of births not notified and information of which was obtained from the Registrar's returns	... ..	35
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Births notified by Midwives (Number)	...	391
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„ „ Parents	„ ..	97
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„ „ Doctors	„ ..	110—598
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The following visits were paid by the Health Visitor during the year :—

Primary visits	... ..	452
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Subsequent visits	... ..	640
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No answer to call	... ..	59
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Total visits during the year	... ..	1151
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Visits to expectant mothers	... ..	94
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Visits to investigate causes of death of children under one year of age	... ..	36
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Attendances of babies at baby clinic	... ..	4248
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## MATERNITY AND CHILD WELFARE.

During the year being reported upon the work in connection with the above has warranted the appointment of a Special Committee to deal with matters appertaining thereto.

In connection with the Child Welfare, a Baby Clinic has been established and is held at the Offices of the Council, Talbot Road, Old Trafford, as being the most central and ready of access from all parts of the district.

A clinic is held every Tuesday and Wednesday afternoons between 2-30 and 4-30 for the giving of general advice, weighing of infants, sale of foods.

The Medical Officer of Health attends every Wednesday afternoon for the examination of all cases of children where special treatment is thought necessary by the Nurse.

In carrying out the work of the clinic the Nurse is assisted by four voluntary workers.

At the end of 1919 there were 535 names of mothers on the register as attending the *Baby Clinic*, the attendance being approximately 140 per week.

In neccessitous cases the following foods are given :— Glaxo, Cow and Gate Food, Milk, Virol, Emulsion and various ointments, also the above are sold at cost price to those able to pay and whose names are on the Clinic Register.

All Maternity cases requiring special treatment are sent to Institutions within the City of Manchester, and to which the Council subscribe.

There have been 19 still births notified during the year, each of which has been enquired into by the Health Visitor, the majority she reports to be attributed to abnormal labours.



There have been 47 deaths of children under one year, 11 of which were premature births. The cause of death will be found on page 12.

Unmarried mothers are encouraged to attend the clinic together with their infants and are given food and milk. On the mother going out to work, the Health Visitor keeps the baby under observation, so as to ensure it is not neglected during the mother's absence.

There have been 21 illegitimate births registered during the year, all of which received the special attention of the Health Visitor.

There are no Voluntary Societies in this District in connection with Maternity and Child Welfare.

#### PUERPERAL FEVER.

Two cases of the above disease have been notified, both of which proved fatal at home.

In each case a Doctor was in attendance.

#### OPHTHALMIA NEONATORUM.

Three cases of Ophthalmia Neonatorum have occurred during the year, each case was treated at the Manchester Royal Eye Hospital, both eyes being affected. Each child was discharged completely cured.

#### MEASLES AND CHICKEN-POX.

The Health Visitor enquires into all cases of the above diseases, and gives advice and instructions as to isolation and precautions to be taken to avoid spreading the same.



## TABLE.

TABLE OF WARDS AND ZYMOTIC DEATH RATES  
FOR 1918 AND 1919.

WARD.				1918	1919
Stretford	...	...	...	0.7 per 1,000	0.14 per 1,000
Longford	...	...	...	0.0 „	0.27 „
Talbot...	...	...	...	0.2 „	0.27 „
Trafford	...	...	...	0.6 „	0.08 „
Cornbrook	...	...	...	0.0 „	0.59 „
Clifford	...	...	...	0.3 „	0.28 „
Park ...	...	...	...	1.4 „	0.22 „

The seven principal Zymotic Diseases were responsible for 10 deaths during the year, compared to 21 for the year 1918. The respective death rates being 0.22 and 0.51. The table above shows the death rate in each of the Wards.

The Zymotic Diseases above referred to are shown in the next table.

TABLE.  
COMPARATIVE ZYMOTIC MORTALITY

Number of Deaths.										
Causes of Death.	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Small-pox....										
Measles ...	—	3	5	4	2	13	—	8	3	2
Scarlet Fever ...	4	1	1	3	5	1	3	1	—	—
Whooping Cough ...	9	4	4	7	3	5	4	4	5	1
Diphtheria, including Membranous Croup ...	17	2	3	4	1	5	9	1	6	2
Fevers :—										
Typhus ...										
Enteric ...	4	5	3	5	2	2	5	2	2	1
Continued ...										
Diarrhœa ...	16	41	7	11	10	10	10	10	5	4
	50	56	23	34	23	36	31	26	21	10
Rate per 1000 Population	1.1	1.3	0.52	0.76	0.51	0.81	0.71	0.63	0.51	0.22

The table records the number of deaths from the seven principal Zymotic Diseases during each of the past ten years, also the rate per 1000 of the population.

The year under review shows a decline on the previous decade.

TABLE.

## BACTERIOLOGICAL EXAMINATIONS 1919.

Facilities for the examination of specimens of Sputum, Diphtheria Swabs and of blood from suspected Typhoid patients, are available for all medical practitioners in the district without charge.

The following statement shows the number of Bacteriological Examinations, of specimens sent from this district, made at the Public Health Laboratory, York Place, Manchester, during the year.

MONTH.	DIPHTHERIA		TYPHOID FEVER		HUMAN TUBER- CULOSIS SPUTUM		BOVINE TUBER- CULOSIS MILK		Naso-Pharyngeal Swabs	FLOUR
	T'TL.	+	T'TL.	+	T'TL.	+	T'TL.	+		
January ...	3	1	1	1	8	1				
February ...	1		1		9	2				
March ...	4	1	1		4					1
April ...	1		2	1	6	2			7	
May ...					11	6	4			
June ...					3					
July ...	4	1			6	2				
August ...	2	2			5	2				
September			2	1	5	3				
October ...	4	1	1	1	6	1				
November...	5		3		7	1				
December ...	3				3					
Total ...	27	6	11	4	73	20	4		7	1

## OBSERVATIONS ON INFECTIOUS DISEASES.

## SCARLET FEVER.

Table II. shows that 80 cases of Scarlet Fever have been notified during 1919, as against 37 the previous year ; an increase of 116.2%.

Of the 80 cases 34 were in Trafford, 13 in Clifford, and 12 in Cornbrook Wards.

The disease affected 13 between the age of 1 and 5 ; 49 between 5 and 15 ; 13 between 15 and 25 ; 4 between the age of 25 and 45 ; and 1 between 45 and 65.

Of the cases notified 26 or 32.2% were treated at the Isolation Hospital.

## CHICKEN-POX.

Table II. shows a considerable increase in the number of cases of Chicken-pox, 215 as against 80 cases for 1918. There has been no death from this disease during the year.

## DIPHTHERIA.

Reference to Table II, shows that 15 cases of Diphtheria have been notified, as compared with 32 the preceding year ; 11 of the patients were between the ages of 5 and 15, and 2 between 1 and 5.

Except for 3 cases all were treated at home.

There have been two deaths from this disease, both between the ages of 5 and 15.

## ERYSIPELAS.

Erysipelas shows a diminution in the number notified as compared with 1918, being only 12, as against 20.

Of the affected persons 4 were between the ages of 15 and 25, 25 and 45, and 45 and 65, respectively.

In only one instance did treatment take place at the Isolation Hospital.

There have been two deaths from this disease during the year.



## MEASLES.

Measles is responsible for the notification of 188 cases, 50 of which were of children between the ages of 1 and 5, and 132 between 5 and 15. The cases were fairly evenly distributed in the following Wards :—51 from Trafford, 43 Talbot, 37 Clifford, 34 Cornbrook, and 18 Stretford.

There have been two deaths from Measles.

## TYPHOID FEVER.

Five cases of Typhoid Fever have occurred during the year, as against 3 for the year 1918.

Three of the 5 cases were removed to the Isolation Hospital.

There has been one death from this disease during the year.

## OPHTHALMIA NEONATORUM.

There have been 3 cases of the above disease notified during 1919, as against 14 the previous year.

Each case received hospital treatment.

PUBLIC HEALTH (TUBERCULOSIS)  
REGULATIONS, 1912.

100 cases of the above disease have been notified, as compared with 111 for the year 1918.

83 were pulmonary and 17 other forms of tuberculosis.

There have been 44 deaths from pulmonary tuberculosis, and 6 from other tuberculosis diseases.

Each case notified is visited by your officers (distinct from the County Tuberculosis Officer), and where required or deemed necessary the usual disinfection is carried out.

TABLE.  
NUMBER OF CASES NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Quarter ending.	PULMONARY.				Non-PULMONARY.																							
	Lungs	Lungs and Larynx	Laryngitis	Total	Alimen- tary.		Glands.					Genito-Urinary.				Joints and Bones.								Meningitis (Brain)	Miliary (generalised)	Skin (Lupus)	Miscellaneous	Total
					Enteritis (primary)	Peritonitis (Abdominal Tuberculosis)	Tabes, Mesenteric Glands	Axillary	Cervical	Inguinal	Not classified. 2 or more groups.	Bladder	Fallopian Tube	Kidney	Testicle	Not classified. 2 or more.	Head	Ribs & Sternum	Spine	Shoulder	Elbow	Hand and Wrist	Hip and Pelvis					
March 31st	25	-	-	25	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	29	
June 30th	22	1	-	23	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	27	
Sept. 30th	15	-	-	15	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	17	
Dec. 31st	20	-	-	20	-	1	-	-	4	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	7	27	
Total	82	1	-	83	-	4	-	-	7	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	17	100	

TABLE —.  
PULMONARY CASES NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS.

	MALES.												FEMALES.												Total.	WARDS.						
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.		Males and Females.	Stretford.	Longford.	Talbot.	Trafford.	Cornbr'k.	Clifford.
Quarter Ending.	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	Males and Females.	Stretford.	Longford.	Talbot.	Trafford.	Cornbr'k.	Clifford.	Park.
March 31st				2	2	4	7	1				16			1	2			3	2	1			9	25	4	1	4	5		6	5
June 30th						5		4	2			11				2	2	1	4	1	1			12	23	1	2	4	8	1	3	4
Sept. 30th				2		2		1				5			1		1	3	3	2				10	15	1		5	2	3	4	
Dec. 31st			1			3		6	1			11				2	2	2	1	1	2	1		9	20	4		4	6	1	3	2
Total .....		1		4	2	14	7	12	3			43			2	4	5	6	11	6	4	2		40	83	10	3	17	21	5	16	11

TABLE —.

NON-PULMONARY CASES NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS.

	MALES.												FEMALES.						Total.	WARDS.				
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	Males and Females.	Stretford.	Longford.	Talbot.	Trafford.	Cornbr'k.		Clifford.	Park.			
Quarter Ending.																								
March 31st			1									1		3	4	1			1	1	1			
June 30th									1	2				4	4	1	1		2					
Sept. 30th												1		1	2	1			1	1				
Dec. 31st			1		1					1		1		5	7		2	1	1	2				
Total .....			2		1			1				3		13	17	3	3	1	4	4	1			



## TUBERCULOSIS REGULATIONS, 1912.

The following Table gives the occupation of the cases notified and the sex distribution for both pulmonary and non-pulmonary cases.

Occupation.	Pulmonary.		Non-Pulmonary.		Total.
	Males.	Females.	Males.	Females.	
Housewife ... ..	—	18	—	1	19
Discharged Soldier.	6	—	—	—	6
Machinist ... ..	—	2	—	—	2
Apprentice ... ..	1	—	1	—	2
Clerk ... ..	4	3	—	—	7
School Children ...	1	6	1	3	11
Labourer ... ..	4	—	—	—	4
Joiner ... ..	2	—	—	—	2
Ironworkers ... ..	4	1	1	—	5
Millwright ... ..	1	—	—	—	1
Munition Workers.	1	—	—	1	2
Stain Glass Worker.	1	—	—	—	1
Warehouseman and Salesman ... ..	4	—	—	—	4
Agents ... ..	2	—	—	—	2
Printer ... ..	2	1	—	1	4
Shop Workers and Assistants ... ..	2	3	—	—	5
Packer ... ..	—	1	—	1	2
Correspondent ...	—	1	—	—	1
Office Boy ... ..	1	—	—	—	1
Accountant ... ..	1	—	—	—	1
Underclothing Presser, Cutter, etc. ... ..	1	1	—	—	2
Oxy-Acetylene Welder ... ..	1	—	—	—	1
Blacksmith ... ..	1	—	—	—	1
Mica Builder ... ..	—	—	—	1	1
Milliner ... ..	—	1	—	—	1
Farrier ... ..	1	—	—	—	1
No Occupation ...	1	3	1	5	10
	42	41	4	13	100
	83		17		

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1919 AND PREVIOUS YEARS.

YEAR.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.				
	Population estimated to Middle of each Year.	Nett.		Number	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 Yr. of Age		At all Ages.		
		Un-corrected Number.	Number					Rate.	Number		Rate per 1,000 Nett Births.	
1	2	3	4	5	6	7	8	9	10	11	12	13
1914	45,100	805	816	18.0	476	10.5	21	87	68	83.3	542	12.0
1915	44,042	659	668	15.1	463	10.5	26	106	60	89.8	543	12.3
1916 {	*43,502 †47,330	737	756	15.9	406	9.3	27	125	53	70.1	504	11.5
1917 {	*40,682 †45,349	649	670	14.7	372	9.1	26	112	33	49.2	458	11.2
1918 {	*40,636 †45,532	564	573	12.5	505	12.3	45	110	36	62.8	570	14.0
1919 {	45,603 47,506	608	612	12.8	434	9.5	15	146	47	76.7	565	12.3

Area of District in acres (land and inland water), 3,239½.  
 Total families or separate occupiers 9,304 (At Census, 1911).  
 Total population at all ages, 42,496 (At Census, 1911).  
 \* Population for Death Statistics.  
 † Population for Birth Statistics.

TABLE II. CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1919.

NOTIFIABLE DISEASE	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.							No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.								
	At all ages.	At Ages (Years).						Wards.							Wards.								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	Stretford.	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Park.	Stretford.	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Park.	Total removed to Hospital.
Pneumonia ...	30	—	5	5	3	9	7	1	3	4	2	6	1	2	12	—	—	—	—	—	—	—	—
Small Pox ...	—	—	—	—	—	—	—	—	—	21	28	85	11	18	10	—	—	—	—	—	—	—	—
Chicken Pox ...	215	4	33	173	2	3	—	—	42	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera, Plague ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membraneous Croup ...	15	—	2	11	1	1	—	—	4	2	2	3	4	—	—	—	1	1	1	1	—	—	3
Erysipelas... ..	12	—	—	—	4	4	4	—	5	2	4	1	2	3	7	—	1	6	4	—	8*	3	1
Scarlet Fever ...	80	—	13	49	13	4	1	—	—	2	7	34	12	13	—	—	—	—	—	2	—	—	26*
Typhus Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever ...	5	—	—	2	1	1	1	—	—	—	1	1	3	—	—	—	—	—	—	—	—	—	3
Encephalitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lethargica ...	1	—	—	—	1	—	—	—	3	1	1	2	—	1	—	—	—	—	—	—	—	—	—
Malaria ...	9	—	—	—	3	5	1	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ...	2	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ...	3	3	—	—	—	—	—	—	—	1	—	—	—	2	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever ...	—	—	1	2	—	—	—	—	—	—	1	1	—	1	—	—	—	1	—	—	1	—	2
Acute Poliomyelitis...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuber- ( Pulmonary ...	83	—	—	7	17	38	21	—	10	3	17	21	5	17	10	—	—	—	—	—	—	—	—
culosis { Other Forms ...	17	2	1	6	7	—	1	—	3	3	1	1	4	4	1	—	—	—	—	—	—	—	—
Measles ...	188	2	50	132	3	1	—	—	18	4	43	51	34	37	1	—	—	—	—	—	—	—	—
German Measles ...	16	—	2	14	—	—	—	—	2	2	6	4	—	1	1	—	—	—	—	—	—	—	—
Totals ...	679	11	107	401	55	68	36	1	90	46	115	210	76	99	43	3	2	2	9	7	9*	3	35*

\* Including one case to Monsall Hospital.



TABLE III.—CAUSES OF, AND AGES AT DEATH.  
NETT DEATHS BELONGING TO THE DISTRICT DURING 1919.

Causes of Death	Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the District.									Deaths in Localities at all ages.							Death in Public Institutions
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Stretford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.	Park Ward.	
All causes } Certified ...	544	43	10	10	17	25	101	141	197	64	43	75	165	60	82	55	
} Uncertified	21	4	—	1	—	—	1	7	8	2	—	5	3	2	6	3	
Enteric Fever ...	1				1	1							1				
Small-pox ...																	
Measles ...	2	1		1								1		1			
Scarlet Fever ...																	
Whooping Cough...	1	1														1	
Diphtheria & Croup	2				2					1				1			
Influenza ...	64	2	2	1	3	11	23	19	3	7	7	9	15	10	6	10	3
Erysipelas ...	2	1					1					1	1				
Phthisis (Pulmon- ary Tuberculosis)	44		1		1	7	23	12		5	3	5	14	3	11	3	
Tuberculous Meningitis...	4	2		1	1					1			1	1		1	
Other Tuberculous Diseases ...	6		2	2	1			1		1				1	3	1	
Cancer, Malignant Disease ...	65						10	25	30	9	6	6	21	7	9	7	
Meningitis ...	5	2	1	1			1			2			2		1		
Organic Heart Disease ...	61					1	3	25	32	7	2	9	21	8	8	6	1
Bronchitis ...	42	3	1		1		3	9	25	5	5	4	13	3	7	5	
Pneumonia (all forms) ...	38	4	1	2	3	2	12	4	10	3	4	12	13		2	4	2
Other Diseases of Respiratory Organs ...	4						1	1	2	1		1	1		1		
Diarrhœa and Enteritis ...	4	4									1	1			2		
Appendicitis and Typhlitis ...	3				1		2						2			1	
Cirrhosis of Liver...	1							1				1					
Nephritis and Bright's Disease	10					1	3	4	2			1	5	2	2		
Puerperal Fever ...	2						2				1					1	
Other Accidents & Diseases of Preg- nancy and Par- turation ...	2						2						1	1			
Congenital Debility & Malformation, including Pre- mature Birth ...	21	19		2						2		3	6	3	3	4	
Violent Deaths, ex- cluding Suicide...	14				1	2	1	4	6		3	3	5		3		
Suicides... ..	2						2						2				
Other Defined Diseases ...	163	8	1	1	3		13	43	94	22	11	22	43	23	30	14	2
Diseases Ill-defined or Unknown ...	2		1						1			1	1				
All Causes ...	565	47	10	11	17	25	102	148	205	66	43	80	168	62	88	58	8



TABLE III.—*continued.*

SUB-ENTRIES INCLUDED IN THE FOREGOING FIGURES.

Cerebro-Spinal															
Meningitis ...	2		1	1							1		1		
Poliomyelitis ...															
Lobar Pneumonia	7				5		2		1	2	3			1	
Acute Croupous															
Pneumonia ...															
Pneumonia ... ..	4						4			2	2				
Septic Pneumonia .	1					1		1							
	14		1	1	5	1	6	1	1	4	6		1	1	

TABLE IV.

INFANT MORTALITY, 1919.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES  
UNDER 1 YEAR OF AGE.

CAUSE OF DEATH.	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total deaths under 1 year.
ALL CAUSES :—										
Certified ... ..	7	5	1	3	16	15	4	4	4	43
Uncertified ... ..	2				2		1		1	4
Influenza ... ..							1		1	2
{ Small-pox....										
Chicken-pox ... ..										
Measles ... ..						1				1
Scarlet Fever ... ..										
Whooping Cough ... ..						1				1
Diphtheria and Croup ... ..										
Erysipelas... ..							1			1
{ Tuberculous Meningitis ... ..								1	1	2
Abdominal Tuberculosis...										
Other Tuberculous										
Diseases ... ..										
Meningitis (not Tuberculous) ... ..		1			1		1			2
Convulsions ... ..	1			1	2		1		1	4
Laryngitis... ..										
Bronchitis... ..						1	1		1	3
Pneumonia (all forms) ... ..						2		1	1	4
{ Diarrhœa ... ..						1				1
Enteritis ... ..						2				2
Gastritis ... ..						2				2
Syphilis ... ..						1				1
Rickets ... ..										
Suffocation, overlying ... ..										
Injury at Birth ... ..										
Atelectasis ... ..										
{ Congenital Malformations	1				1	1	1			3
Premature Birth ... ..	6	3		2	11					11
Atrophy, Debility and										
Marasmus ... ..		1	1		2	3				5
Other Causes ... ..	1				1			1		2
Total ...	9	5	1	3	18	15	5	4	5	47

Nett Births in the year :—Legitimate, 591 ; illegitimate, 21  
 Nett Deaths in the year of legitimate infants. 40 ;  
 illegitimate infants, 7.

## TABLE (C).

## COUNTY OF LANCASTER.

## SUMMARY OF MEDICAL OFFICER'S REPORT FOR 1919.

## URBAN DISTRICT OF STRETFORD.

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Medical Officer of Health, William John HESLOP, F.R.C.S. (Ed.).  
Salary and Bonus as M.O.H., 31/12/19, £222.

Inspector of Nuisances, ELLIS NUTTALL. Salary and Bonus as  
Inspector, 31/12/19, £430.

Is the Medical Officer of Health or Inspector of Nuisances away on  
Military Service? No.

What is the character of the Hospital Accommodation? For  
Small-pox, Good. For other Infectious diseases, Good.

Is it Joint or otherwise? Accommodation is provided by the  
Salford Corporation at their Ladywell Sanatorium for infectious  
diseases, and at Drinkwater Park for small-pox. A retaining fee  
is paid.

No. of Beds available for your District? For Small-pox, 6. For  
other Infectious Diseases, 18.

How is Disinfection carried out? No. of Houses disinfected? 255.  
Method? Formalin and by Sulphur. Are Houses disinfected after (a)  
Phthisis? Yes; (b) Measles? Sulphur Candles supplied to occupiers  
for disinfection. Apparatus used for Clothing, Bedding, etc. (steam  
or otherwise)? Steam—Washington Lyons Patent. No. of Articles  
disinfected? 884. Where is apparatus situated? Sanitary Depot,  
Empress Street, Cornbrook.

If Apparatus at Hospital is available, is it used for the disinfection  
of Clothing, Bedding, etc., of Patients not removed to the  
Hospital? No.

If not, please state how disinfection of Clothing, etc., in these  
cases is carried out? At Empress Street, Cornbrook.

Are any Diseases not specifically mentioned in the Infectious  
Diseases Notification Act notifiable (for instance, Whooping Cough,  
Diarrhœa, Chicken Pox, etc.)? If so, what are they? Yes, Chicken-  
pox.

Diseases specially prevalent? Chicken-pox. Period? October to  
December.

No. of times School Closure adopted? None.

No. of Special Reports made under Art. XIX. (15 and 16)  
Sanitary Officers' Order, 1910? Nil.

Bacteriological Examinations. Specimens examined: Blood, 11,  
Swabs, 27. Sputum, 73. Milk, 4. Others: Naso-pharyngeal swabs, 7.



Diphtheria Anti-toxin Order, 1910. Is a supply of Anti-toxin kept within the district? Yes. If so, where? Council Offices. Amount used during 1919? Cannot say.

“The Housing Acts, 1890 to 1919.”—Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article I. of the Regulations of 2nd September, 1910? No. Has your Authority prepared, as required by Article I. (3), a list of dwelling-houses, the “early inspection of which is, in the opinion of the M.O.H., desirable”? No. Has your Authority designated an officer to undertake the special inspection of houses and to keep the records stipulated by Articles (II.) and (III.)? Yes. What officer has been so designated? 3 District Inspectors. Have the necessary books, forms, etc., for keeping the required records been obtained and maintained? Yes. Action taken in 1919 under the Housing Acts :—Total No. of Dwelling-houses inspected for purposes of the Housing Acts (not including inspections re Nuisances, etc.), Nil. No. of Dwelling-houses specially inspected under Sec. 17 of the Act of 1909, i.e. with a view to ascertaining whether any dwelling-houses are unfit for human habitation? Nil. Have the particulars of these inspections, as specified in Article II. (1) to (8), and Article III. (1) to (8), of the Housing (Inspection of District) Regulations, 1910, been fully recorded? No. No. of Dwelling-houses considered unfit for human habitation? Nil. No. of representations to Authority with a view to making Closing Orders? Nil. No. of Closing Orders made? Nil. No. of Dwelling-houses in which defects were remedied without making Closing Orders (under Section 15)? Nil. No. of Dwelling-houses put into a fit state of habitation after making Closing Orders? Nil. No. of Dwelling houses demolished? Nil. General character of defects found to exist? Nil.

Is there a deficiency of housing accommodation? If so, where and to what extent? Yes. Throughout the whole District.

Has a Housing Committee been appointed, as suggested in Memorandum of Ministry of Health, 7th August, 1919? Yes.

Are steps being taken under the Housing, Town Planning, etc., Act, 1919, to meet the deficiency? Yes.

What stage had been reached in this connection on 31st December, 1919? 53 houses in course of erection at two sites; 20 acre site approved and work about to commence; two other 20 acre plots in course of preparation.

Number of New Houses built during 1919. By and at the cost of the District Council? Nil. By private enterprise? 7.

Source of the Water Supply. Manchester Corporation Waterworks and two wells. What is its condition? Manchester Corporation Waterworks—Good; Wells—fairly satisfactory. Possibilities of contamination? Wells—surrounding land under cultivation. Any insufficiency, and where? No. Nature of extensions (if any) during the year? Nil.

Is Scavenging and Removal of House Refuse carried out satisfactorily for whole of district? Yes.

How performed (state whether by Sanitary Authority, Contract, or Occupiers of Houses)? By the Council.

If Privy Middens exist, are they emptied by day or night? Only one in the district (at a farm).

How is the Refuse disposed of? By combustion and tip. Has a Destructor been provided? Yes. If so, where? Empress Street, Cornbrook.

Sewage Disposal Works. Method of Treatment? Broad irrigation and bacterial treatment. What is the character of the Drainage System? Satisfactory. Any developments during year? No. Areas, or Townships, without proper drainage system? Nil. Action taken—Drain Testing, Flushing, etc.? Drains tested with water and smoke. Sewers periodically flushed from 800 gallon tank.

Action taken with regard to the Pollution of Streams? Nil.

Canal Boats: Number Inspected? Nil. Number of Infringements of Acts? Nil.

What is the condition of the Bakehouses? Satisfactory. Number? 46.

What is the condition of the Slaughter-houses? Satisfactory. Number? 5. Number Registered? Nil. Number Licensed? 5. Has a Public Abattoir been provided? No.

What is the condition of the Lodging-houses? Number? Nil.

What is the Sanitary condition of the Schools? Satisfactory.

Dairies, Cowsheds and Milkshops—Are they periodically inspected? Yes. What is their condition? Satisfactory.

Have Regulations been made under the Order of the L.G.B.? Yes. Are they enforced? Yes.

Amount of air space in cubic feet required for each cow? (a) Where cows are habitually grazed? 600 for old and 800 for new cowsheds; (b) Where cows are not habitually grazed? Ditto.

Total Number of Cowkeepers? 8. Number on Register? 8. Number of Inspections during year? 168.

Total number of Dairymen or Milk Purveyors (other than Cowkeepers)? 140. Number on Register? 140.

Any arrangements for veterinary inspection of dairy cows? No.

Action taken (if any) as to tuberculous milk? Samples bacteriologically examined.

Inspection of Food.—Amount condemned or surrendered as unfit for human consumption—(a) Tuberculous carcasses and parts? Nil. (b) Diseased, unsound, or unwholesome meat (other than above)? 75 lbs. beef; 15 lbs. ham. (c) Other food stuffs? 3,580 lbs. (1,060 tomato puree, 2,520 dates); dry milk, 573 lb. packets. Number of Legal Proceedings and result? Nil.

Department of Inspector of Nuisances.—No. of Notices served? Informal, 458. Statutory 69. No. of Nuisances abated? 2,355. No. of Legal Proceedings taken, and result? 1; Order made to pay £25 quarterly.



## Closets and Ashpits—

Privy Middens :—No. of Middens ? 1. No. of Closets attached to these Middens ? 1.

No. of Pail Closets ? 182.

No. of Ashpits (excluding Middens) ? 1,040 double ; 651 single.

No. of Fresh Water Closets ? 13,645.

No. of Portable Receptacles for refuse ? 7,556.

No. of Waste Water Closets ? 331.

No. of Privy Closets converted during 1919 ? To Fresh W.C.s ? Nil. To Waste W.C.s ? Nil. To Pails, etc., Nil.

No. of Pail Closets converted to :—Fresh W.C.s ? Nil. Waste W.C.s ? Nil.

No. of Waste W.C.s converted to Fresh W.C.s ? 8.

Does Council contribute towards the cost of conversion ? Yes  
If so, how much ? £5 per closet.

What kind of closet accommodation is being provided for new property ? Washdown pedestals closets.

## Smoke—

No. of Observations ? 77.

No. of Legal Proceedings taken and result ? Nil.

What is the time limit allowed for the emission of black smoke per hour ? 4 minutes.

## Has the Authority adopted—

“ The Infectious Diseases (Prevention) Act, 1890 ” ? Yes.

“ The Public Health Acts Amendment Act, 1890 ” ? Yes.

“ The Public Health Acts Amendment Act, 1907 ” ? Yes.

Has a Health Visitor been appointed by the Local Council ? State whether whole or part time ? Yes, whole time. Qualifications of Health Visitor ? C.M.B. Has any, and if so what, action been taken by the Council respecting Child Welfare Work ? Baby Clinics established.

Has any scheme been prepared in regard to the Supply of Food and Milk for Expectant and Nursing Mothers, and of Milk for Infants ? Yes.

Is there a District Nursing Association in the District ? Yes. If so, does any arrangement exist between the Council and the Association in respect of Child Welfare Work ? No. If no such arrangement exists, does the Association voluntarily undertake Child Welfare Work ? No. How many District Nurses employed ? —.

Notable Sanitary Improvements during 1919.—Nil.

Chief Sanitary requirements of District.—Nil

(Signed) W. J. HESLOP, F.R.C.S.,

Medical Officer of Health.

24th February, 1920.





Stretford Urban District Council.

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CHIEF INSPECTOR'S  
**REPORT**

UPON THE WORK OF THE

Health, Cleansing, and  
Hackney Coach Departments,  
during the year 1919.

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*Ellis Russell*

*Sanitary Inspector.*





# The Urban District Council of Stretford.

## Sanitary Staff.

ELLIS NUTTALL, C.R.S.I., Cert.M.I., Chief Sanitary  
Inspector and Cleansing Superintendent.

R. C. JACKSON, Assistant Sanitary Inspector.

S. MASSEY, C.R.S.I., Cert.M.I., „ „ „

T. E. BOWKER, C.R.S.I., Cert.M.I., „ „ „

H. M. GATHERCOLE, C.R.S.I., Assistant Sanitary Inspector.

STEWART SWIFT, Inspector's Clerk.

ARNOLD SCHOFIELD, Inspector's Junior Clerk.

G. H. HOWARTH, Foreman, Cleansing Department.

W. SUMMERS, Disinfector.

F. JONES, Disinfector and Assistant Motor Ambulance  
Driver.

SAMUEL BOWYER, Motor Ambulance Driver.

*Health Visitor*—MRS. RIDGWAY, C.M.B.

ANNUAL REPORT OF THE INSPECTOR  
OF NUISANCES AND CLEANSING  
SUPERINTENDENT

FOR THE  
YEAR ENDED DECEMBER 31st, 1919.

---

TO THE CHAIRMAN AND COUNCILLORS OF THE HEALTH,  
HACKNEY COACH, AND CLEANSING COMMITTEE.

GENTLEMEN,

I beg to submit my Twenty-fifth Annual Report of the work done in the Health, Hackney Coach, and Cleansing Departments during the year ended December 31st, 1919.

As in past years, your Sanitary Staff has enquired into each case of infectious disease notified, details of which will be found in Table 2 of the Medical Officer of Health Report, page 29.

Reference to Statement 4, page 48, shows the amount of disinfection carried out in consequence of infectious disease and other causes.

In cases of difficulty, the Medical Officer of Health has been appealed to, and his decision acted upon.

MOTOR AMBULANCE.

The motor ambulance has, during the year under review, responded to 233 calls, viz.:—Accidents, 107; Sudden Illness, 125; Attempted Suicide, 1.

The number of persons removed being 222, as compared with 209 for the year 1918.

In 10 instances the ambulance was not required on arrival, 8 persons had either recovered or been removed by other means. In 2 cases death had intervened between receipt of call and arrival of ambulance.

Of the persons removed, 148 belonged to Stretford, 38 to Manchester, 27 to Salford, and 20 to 11 other districts.

1919 the motor ambulance travelled 1635.5 miles, which when added to previous mileages travelled since the inauguration of the service in 1914, the aggregate is 7668.7 miles.

#### HORSE AMBULANCE.

The horse ambulance has answered 38 calls during the year, and removed 38 persons. The amount of fees charged being £11 11s. 0d., and the approximate distance travelled being 156 miles.

#### FOOD AND DRUGS ACT.

Statement 5, page 49, shows that 79 samples of Food and Drugs have been submitted by the Council to the County Analyst for analysis, 74 of which he declared to be genuine, 4 to be poor in quality or passable, and 1 to be slightly below the standard of fat, viz. :—2.9%. This was a sample of milk.

Of the 56 samples of milk submitted, 9 were certified to contain considerable quantities of objectionable sediment. In each instance the farmer has been warned against delivering milk of such a character.

Mr. Superintendent Keys, of the County Police, has during the year 1919 purchased within this district 123 samples of Food and Drugs for analysis, 121 of which the County Analyst certified to be genuine, 1 of milk and 1 of margarine to be adulterated.



The vendors of the adulterated samples were prosecuted and substantial fines imposed.

The aggregate samples submitted from this district for analysis number 202, being equal to 4.3 per 1,000 of the estimated population, as against 5.1 for the year 1918.

### DRAIN TESTING, Etc.

Statement 7, page 51, forcibly demonstrates the policy of the Health Committee in requiring all drains and sanitary fittings of both old and new properties to be subjected to a suitable test before being passed or covered in.

In connection with old property 142 tests have been applied to drains, which showed that 60 or 42.2% were defective, also during the year 56 tests have been made to the sanitary fittings of the same class of property, disclosing 24 or nearly 43% to be unsound.

*New Property.* 251 tests were made to drains of new property, 123 of which failed to stand the test, thus showing 49% to be defective; to sanitary fittings 57 applied tests disclosed 28 or 49.1% to be defective.

Thus in the absence of a reliable test, there would, in respect of drains, have existed in 183, and in connection with sanitary fittings, 52 instances, where conditions would have remained a standing menace to the health of the persons living or working on the premises in question.

It is only fair to observe that the whole of the defects before referred to were not due entirely to faulty materials or bad workmanship, but in many instances arose from causes over which neither the workman or contractor had any control, such as sand or fire cracks, both of which answer to the usual test, but which can only be detected by an applied test.



## SMOKE OBSERVATIONS.

The chimneys of 32 firms likely to send forth black smoke in such quantity as to be a nuisance have been under observation during the year 1919.

81 observations (of 60 minutes each) have been taken, showing that black smoke had been emitted for an aggregate period of 171 minutes and 55 seconds.

The time allowed by the Council (4 minutes aggregate in a 60 minutes observation) has been exceeded on 13 occasions by 7 firms, each offending firm being either warned or served with a notice to abate the nuisance. On 30 occasions the observation recorded the issue of no black smoke.

Viewed as a whole, atmospheric pollution during the year may be said to be fairly satisfactory, the average being just over 2 minutes 7 seconds for each observation.

## CLEANSING DEPARTMENT.

Statement 8, page 52, gives the number and types of sanitary conveniences in each ward of the district, and is required to be kept yearly complete. The information being supplied to the County Authority under Table C.

Statement 9, page 52, records the different types of ash-pits and house refuse receptacles in each ward, and is a very useful statement, in that it forms a continuous record of the growth and changes that occur each year.

## DESTRUCTOR WORKS.

By Statement 13, page 56, it will be seen that 3,971½ loads of house refuse (exclusive of that from Greengrocers and Fish Dealers) have been deposited and dealt with at the Empress Street Works, whilst Statement 12, page 55, shows that (excluding scrap refuse of all descriptions) 1,605 loads or 40.4% of the refuse received at the Destructor Works had a second time to be handled ere it was finally disposed of.

## HACKNEY COACH DEPARTMENT.

972 Hackney Coach and other licenses have been issued during the year being reported upon. The revenue therefor being £57 5s. 0d., as against 920 and an income of £51 0s. 0d. for the year 1918.

Disinfecting fluid, as in previous years, is given free on purchase of a card for which a charge of one penny is made.

566 fluid cards have been issued, as against 604 the previous year.

Broken bottles are now charged for at the rate of twopence each.

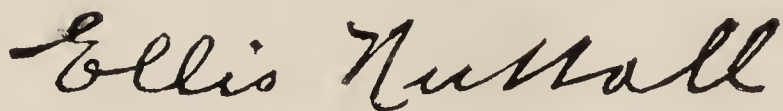
For cards and broken bottles £3 14s. 6d. has been received, as compared with £2 17s. 10d. for the previous year.

## PROSECUTIONS.

There have been 5 successful prosecutions during the year for various offences, see Statement 15, page 58.

I have the honour to be,

Your obedient servant,

A handwritten signature in dark ink, reading "Ellis Russell". The script is cursive and fluid, with the first name "Ellis" and last name "Russell" clearly distinguishable.

CHIEF SANITARY INSPECTOR AND

CLEANSING SUPERINTENDENT.

February 25th, 1920.

## STATEMENT OF MOTOR AMBULANCE SERVICES.

Below is a Statement showing where the 233 persons removed by the motor ambulance were taken to.

	Accident.	Sudden Illness.	Attempted Suicide.	Total.	Mileage.
Manchester Royal Infirmary	66	61	1	128	894.2
Salford Royal Hospital ...	29	12	—	41	287.0
St. Mary's Hospital ...	—	19	—	19	118.6
Royal Eye Hospital ...	—	—	—	—	—
Ancoats Hospital ... ..	—	1	—	1	5.0
Patricroft Union Hospital	1	9	—	10	121.2
Jewish Hospital ... ..	—	1	—	1	7.6
Military Hospital ... ..	—	1	—	1	10.4
Private Nursing Homes ..	—	7	—	7	65.3
Home ... ..	3	10	—	13	59.3
Other Places ... ..	—	—	—	—	2.0
Hospital for Incurables ...	—	1	—	1	25.2
Dead on arrival ... ..	1	1	—	2	6.2
Urmston Cottage Hospital	—	1	—	1	10.6
Not required on arrival...	7	1	—	8	22.9
	107	125	1	233	1635.5



GENERAL SUMMARY OF WORK DONE FROM  
JANUARY 1ST TO DECEMBER 31ST, 1919.

HEALTH DEPARTMENT.

Preliminary Notices served	...	...	...	...	458
Statutory Notices served	...	...	...	...	69
„ „ of Entry for Inspection	...	...	...	...	20
„ „ Housing and Town Planning Act...	...	...	...	...	.0
„ „ „ Regulations	...	...	...	...	1
Complaints to Justice of a Nuisance	...	...	...	...	7
Warrants of Justice to inspect premises	...	...	...	...	7
Tiled Walls of Bakehouses washed down	...	...	...	...	9
Walls Limewashed	...	...	...	...	12
Houses and Premises referred to in Notices issued,	...	...	...	...	1585
number	...	...	...	...	365
Number of Dust Bins supplied on service of Notice	...	...	...	...	142
Drains tested	...	...	Old Property	...	56 —198
Sanitary Fittings tested	...	...	do.	...	251
Drains tested	...	...	New Property	...	57 —308
Sanitary Fittings tested	...	...	do.	...	14
Intercepting Traps provided to drains	...	...	...	...	20
Ventilating shafts provided at head of drains	...	...	...	...	8
Inspection Chambers provided	...	...	...	...	15
Fresh air inlets provided	...	...	...	...	387
New drainage (feet) to old property cellars	4" 633	...	6" 387	...	973
	yards „ 1588	...	„ 973	...	41
	passage,, —	...	9" 41	...	233
Ambulance Service Calls received—Motor	...	...	...	...	38 —271
	Horse	...	...	...	225
Persons removed by Motor	...	...	...	...	38 —263
	Horse	...	...	...	5
Foul Ashpits abolished	...	...	...	...	1635½ miles
Motor distance recorded	...	...	...	...	156 „
Horse distance travelled (estimated)	...	...	...	...	

INFECTIOUS DISEASES.

Rooms fumigated ...	...	...	...	...	...	255
Rooms stripped and washed	...	...	...	...	...	7
Lots of Bedding, etc., disinfected	...	...	...	...	...	81

INFECTIOUS DISEASES—continued.

Articles disinfected	...	...	...	...	882
Schoolrooms fumigated	...	...	...	...	93
Fluid Cards issued	...	...	...	...	566
Certificates sent to Principal of School "re Infectious Diseases	...	...	...	...	173
Certificates sent to Education Department "re Infectious Diseases "	...	...	...	...	173
Notices sent to Education Department after disinfection	...	...	...	(duplicate)	65
Notices sent to Superintendents of Sunday Schools	...	...	...	...	107
Recovery Notes	„	„	„	„	93
Notices to remove patients sent to Ladywell	...	...	...	...	*9

\* Discontinued to be sent June 10th, 1919.

COWSHEDS, MILKSHOPS AND SLAUGHTER-HOUSES.

Miscellaneous Insanitary Conditions removed	...	...	...	...	7
Dirty cowshed floors cleansed	...	...	...	...	1
Cowsheds limewashed	...	...	...	...	10
Milkshops and Dairies cleansed...	...	...	...	...	1
Catchpits cleansed...	...	...	...	...	3
Slaughter-houses limewashed	...	...	...	...	2
Notices to remove offal and manure (Slaughter-houses)	...	...	...	...	2
Accumulation of Offal	...	...	...	...	1
Unsound Meat	...	...	...	Beef 70 lbs. Ham 15 „ —85 lbs.	
Unwholesome fruit destroyed, Tomato Puree	1060 lbs.				
Dates	2520 „—3580 lbs.				
Unwholesome Dried Milk destroyed	...	(Packets)	573		
Defective Milk Covers and Cabinets	...	...	...	1	

CLEANSING DEPARTMENT.

Pails emptied	...	...	...	...	7525
Dry ashplaces emptied	...	...	...	...	10959
Dust-bins emptied	...	...	...	...	255708—274182
Loads removed from Pail Closets...	...	...	...	...	165
Loads removed from dry ashplaces	...	...	...	...	2363
Loads removed from dust-bins	...	...	...	...	5885·5
Loads of clinkers, flue dust and brickbats removed	...	...	...	...	1605—10018·5
Applications to remove refuse	...	...	...	...	306
Loads tipped at the Destructor	...	...	...	...	3977·5

HACKNEY COACH DEPARTMENT.

NUMBER OF LICENSES ISSUED.

Hackney Coach licenses	...	...	...	...	13
Omnibus licenses	...	...	...	...	8
Tramcar licenses	...	...	...	...	199
Hackney carriage drivers' licenses	...	...	...	...	16
Omnibus drivers' licenses	...	...	...	...	320
Omnibus conductors' licenses	...	...	...	...	325
Special Football licenses	...	...	...	...	4
Provisional licenses (Drivers)	...	...	...	...	8
Provisional Hackney Coach licenses	...	...	...	...	3
					896

OTHER LICENSES ISSUED.

Petroleum licenses	...	...	...	...	54
Calcium of Carbide licenses	...	...	...	...	6
Slaughter-house licenses	...	...	...	...	5
Game licenses...	...	...	...	...	4
Provisional repair licenses	...	...	...	...	—
Street Trading licenses	...	...	...	...	16
Street Trading Badges exchanged...	...	...	...	...	28
					113

Total 1009

MISCELLANEOUS.

Samples of food and drugs submitted for analysis					
by S U.D C	...	...	...	...	74
Samples submitted by County Police	...	...	...	...	123
					197
Prosecutions under Food and Drugs Act—					
S U.D C.	...	...	...	...	0
County Police	...	...	...	...	2
					2
Smoke observations taken	...	...	...	...	81
Complaints inquired into	...	...	...	...	256
Proceedings under the Public Health Act	...	...	...	...	1
Prosecutions for chimneys on fire...	...	...	...	...	—
Breach of Hackney Coach Bye-laws	...	...	...	...	1
,,   ,, Council Bye-law (29)	...	...	...	...	1



## SUMMARY OF VISITS.

<b>Health Department.</b>		<b>Summary of Work Done by Health Visitor.</b>	
Inspections to drains of Old Property ... ..	108	First Visits to Infants ...	327
Other Inspections do. ...	1008	Re-Visits to Infants ... ..	420
Visits and Re-Visits, to work done and in progress ...	3828	Visits (no one in)... ..	56
Visits and Re-Visits to Test Drains and Fittings of New Property ... ..	660	Visits to Outworkers....	5
Visits in respect of Infectious Diseases ... ..	198	Visits to Workshops—	
Visits re Tuberculosis ...	213	Dressmakers ... ..	5
Visits Smallpox contacts ...	7	Confectioners ... ..	—
Visits to Cowsheds, Dairies, and Milkshops ... ..	168	Visits to Laundries ... ..	—
Visits to Slaughter-houses ...	144	Visits to Ophthalmic Cases	5
Visits to Bakehouses ... ..	112	Visits to Midwives ... ..	68
Visits re disinfection ... ..	679	Visits to Factories ... ..	—
Other Visits... ..	258	Visits re Measles Cases ...	144
	7383	Visits re Civic Guild of Help	—
		Visits re Chicken-pox Cases...	166
		Visits re Puerperal Fever ...	2
		Investigating cause of Death of children under one year	36
		Ante-natal Visits... ..	68
		Miscellaneous Visits ... ..	109
			—
		Total Visits ... ..	1411
			—
<b>Miscellaneous.</b>			
Attendance at Cricket Ground and Football Matches ... ..	36		
Visits to Barbers' Shops ...	14		
Visits re Street Trading ...	81		
Visits re Shops Act ... ..	357		
Visits to Manure Steads ...	143		
Visits re Food Control ...	*130		
Visits to Factories and Workshops ... ..	160		
	921	Baby Attendances at Clinic..	2662

\* Approximate.

In addition to the above visits by Health Visitor, she carried out school work for four months, (three mornings per week).



STATEMENT (1) OF DEFECTIVE DRAINS REMOVED  
AND NEW ONES LAID, ETC.

OLD PROPERTY DRAINAGE, ETC.									
DRAINS.					Int. Traps Fixed.	F.A.I. Provided.	Chamber Provided.	Ventilating Shafts Erected.	New Gullies Fixed.
Cellars.		Yards.		Passages					
6in.	4in.	6in.	4in.	9in.					
Feet.	Feet.	Feet.	Feet.	Feet.					
387	633	973	1588	41	14	15	8	20	121

New Drains to Water Closets provided  $\left\{ \begin{array}{l} 4'' \text{ } 336 \\ 6'' \text{ } 54 \end{array} \right\}$  390 feet.

STATEMENT (2) OF COMPLAINTS RECEIVED.

Nature of Complaint.	Number.
Request for Inspector to call ... ..	10
Defective Ashpits ... ..	18
Choked Sanitary Conveniences—Tipplers ... 37	45
Flush W.C.s ... 8	
Choked Drains—Yards ... ..	17
Cellars ... ..	11
Passage... ..	18
Defective Premises... ..	19
Overcrowding of House ... ..	1
Flooded Cellars and Passages ... ..	11
Nuisance from Cock Crowing ... ..	10
Gullies Choked ... ..	39
Damp Bedrooms ... ..	6
Defective W.C. Basins ... ..	7
„ W.C. Cisterns ... ..	9
„ W.C. Roofs ... ..	5
„ Waterpipes and Taps ... ..	10
Accumulations of Manure... ..	4
Keeping Pigs so as to be a M nuisance ... ..	4
Offensive Smells from Chemical Works ... ..	5
Dangerous Chimneys ... ..	3
Defective Gutters ... ..	5
Miscellaneous ... ..	78
	384

## STATEMENT (3) WORKSHOPS AND WORKPLACES.

Work carried on.	Number of	
	W'kshops.	Visits
<b>Workshops —</b>		
Basket Making ... ..	1	1
Blacksmiths ... ..	3	2
Boot Repairing ... ..	30	10
Bread and Confectionery Baking ...	41	101
Boat Building ... ..	3	4
Cabinet Makers and Upholsterers ...	3	1
Coppersmith ... ..	1	—
Cycle and Motor Repairing ... ..	11	20
Doll Making ... ..	1	—
Dressmaking ... ..	13	17
Drysalts... ..	1	—
Fish and Chip Shops ... ..	14	17
Florists ... ..	2	2
Hairdressers ... ..	19	19
Ice-Cream Making ... ..	5	25
Joiners' Shops ... ..	12	12
Laundries (domestic) ... ..	4	—
Milliners ... ..	7	7
Mosaic Manufacture ... ..	1	—
Photographers ... ..	2	—
Picture Framing ... ..	2	1
Plumbers ... ..	15	10
Painters and Paperhangers ... ..	7	5
Pork Butchers ... ..	4	16
Pickshaft Making ... ..	1	2
Printing ... ..	2	4
Rustic Works ... ..	3	7
Sack Making ... ..	1	1
Saddlers ... ..	3	2
Sauce Making ... ..	1	7
Stained Glass Works ... ..	4	—
Stocking Knitting ... ..	1	1
Stone and Monumental Masons ...	3	4
Tailors ... ..	9	8
Tinsmith ... ..	1	5
Wax Flower Making ... ..	1	—
Wine and Spirit Bottling Stores ...	2	—
Wheelwrights ... ..	2	8
Watch and Clock Repairing ... ..	7	4
Miscellaneous ... ..	17	21
	250	243
<b>Workplaces —</b>		
Builders' Merchants' Yards ... ..	2	8
Cab Yards (Mews) ... ..	4	10
Coal Yards ... ..	5	6
Contractors' Yards ... ..	10	8
Garages ... ..	9	10
Market Gardeners and Nurseries ...	6	6
Restaurants ... ..	12	8
Pantechnicon ... ..	1	4
Total Workplaces ... ..	49	60

STATEMENT (4) SHOWING NUMBER OF ROOMS FUMIGATED AND THE NUMBER STRIPPED AND WASHED EACH MONTH.

Month.	Scarlet Fever	Typhoid Fever.	Diphtheria.	Chicken Pox	Tuberculosis.	Other Forms	Puerperal Fever.	Erysipelas.	Fifth.	Schoolrooms.	Cerebro-Spinal Meningitis.	Measles.	German Measles	Cancer.	Other Causes.	Ophthalmia Neonatorum	Pneumonia	Encephalitis Lethargica	Malaria	Total.
January ...	2	—	3	—	4	—	—	—	—	93	—	—	—	2	2	—	—	—	—	106
February	—	1	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7
March ...	4	—	—	—	7 *6	—	—	—	—	—	1	—	—	—	—	—	—	—	—	12 *6
April ...	4	—	1	—	6	—	—	—	—	—	1	—	—	1	7	—	—	—	—	20
May ...	1	—	2	—	6	—	—	—	—	—	1	—	—	—	—	—	—	—	—	10
June ...	1	—	1	—	7	—	—	—	—	—	—	—	—	1	8	—	—	—	—	18
July... ..	7	1	1	—	5	—	—	—	—	—	—	—	—	1	1	—	—	—	—	16
August ...	3	—	—	—	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—	6
September	4	2	2	—	3	—	—	—	—	—	—	—	—	1	—	—	—	—	—	12
October ...	6	—	4	—	4	—	—	—	—	—	—	—	—	1	—	—	—	—	—	15
November	7 *1	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10 *1
December	13	1	—	—	4	—	—	—	—	—	—	—	—	—	2	—	—	—	—	20
Total ...	52 *1	5	17	—	54 *6	—	—	—	—	93	3	—	—	8	20	—	—	—	—	252 *7

\* Stripped and Washed.

## FOOD AND DRUGS ACT.

STATEMENT (5) SAMPLES SUBMITTED TO COUNTY ANALYST  
DURING 1919.

No.	Description of Sample Analysed.	Genuine.	Poor, Doubtful, or Passable.	Adulterated.	Below Standard.	Fines and Costs.			Contain Sediment
						£	s.	d.	
56	Milk ... ..	54	1	—	1	—	—	—	9
2	Arrowroot ... ..	2	—	—	—	—	—	—	—
1	Castor Oil ... ..	1	—	—	—	—	—	—	—
5	Coffee ... ..	5	—	—	—	—	—	—	—
3	Epsom Salts ... ..	3	—	—	—	—	—	—	—
5	Malt Vinegar ... ..	2	3	—	—	—	—	—	—
1	Tapioca ... ..	1	—	—	—	—	—	—	—
1	Self-Raising Flour.. ...	1	—	—	—	—	—	—	—
5	White Pepper ... ..	5	—	—	—	—	—	—	—
79		74	4	—	1	—	—	—	9

1 sample of Milk was below the standard for fat, 2.9%.

1 " " " " " " " other solids.

The standard fixed by the Board of Agriculture for fat is 3% and 8.5% other solids.

Of the samples of Milk analysed, nine were certified to contain sediment, principally cowdung, in the following parts per 100,000 parts by volume :—

4 as containing not less than 2 parts.

1 " " " " " 2.5 "

2 " " " " " 3 "

1 " " " " " 4 "

1 " " " " " 5 "

Each Vendor has been warned.

Three samples of Vinegar were certified to be doubtful.



## STATEMENT (6).

LIST OF SAMPLES UNDER THE FOOD AND DRUGS  
ACTS, PURCHASED BY THE POLICE DURING  
THE YEAR 1919. STRETFORD DISTRICT.

Article Purchased.	No. Pur- chased.	Genuine	Adul- terated	Remarks.
Milk ... ..	95	94	1	Fined £3 3 0 and 8/- costs
Custard Powder ...	2	2	—	
Egg Powder... ..	1	1	—	
Tea ... ..	2	2	—	
Baking Powder ...	2	2	—	
Pepper ... ..	5	5	—	
Yeast ... ..	1	1	—	
Cocoa ... ..	1	1	—	
Coffee ... ..	2	2	—	
Ground Ginger ...	2	2	—	
Comfrey Leaves ...	1	1	—	
Comfrey Root ...	2	2	—	
Epsom Salts... ..	3	2	1	Fined £5 & £4 costs
Margarine ... ..	1	1	—	
Cream of Tartar ...	1	1	—	
Mustard ... ..	1	1	—	
Lard ... ..	1	1	—	
	123	121	2	

## TESTING OF DRAINS AND SANITARY FITTINGS.

STATEMENT (7) SHOWING THE NUMBER OF DRAINS AND  
SANITARY FITTINGS TESTED MONTHLY IN OLD  
AND NEW PROPERTY.

Month.	Old Property.				New Property.			
	Drains.		Fittings.		Drains.		Fittings.	
	Tested	Defects	Tested	Defects	Tested	Defects	Tested	Defects
January ...	—	—	—	—	3	1	—	—
February ...	5	3	—	—	14	6	—	—
March ...	—	—	—	—	11	2	—	—
April ...	17	9	3	1	27	14	—	—
May ...	7	3	2	1	8	2	—	—
June ...	7	3	6	2	20	14	—	—
July ...	20	10	5	1	7	3	12	8
August ...	7	4	20	9	42	28	11	3
September ...	8	1	3	1	28	13	13	9
October ...	27	7	2	1	61	27	10	2
November ...	19	11	6	3	24	10	—	—
December ...	25	9	9	5	6	3	11	6
Total 1919 ...	142	60	56	24	251	123	57	28
Total 1918 ...	66	26	21	7	98	32	15	8

### TYPES OF SANITARY CONVENIENCES.

STATEMENT (8) OF THE NUMBER OF DIFFERENT TYPES  
OF CONVENIENCES IN THE DISTRICT.

Ward.	Water Closets.			Privies.	Pails.	Total Con- veniences
	Pedestals Hoppers or other Types.	Troughs (Seats)	Waste Water.			
Stretford ...	1924	8	21	—	24	1977
Longford ...	1086	—	16	1 S.	11	1114
Talbot ... ..	2612	—	4	—	11	2627
Trafford ...	3387	8	17	—	—	3412
Cornbrook ...	1023	32	4	—	38	1097
Clifford ...	1465	—	269	—	—	1734
Park ... ..	{ 1740 325	35	—	—	{ 83 15	{ 1858 340 }
Total ... ..	13562	83	331	1 S.	182	14159
	13976					

### CLEANSING DEPARTMENT.

STATEMENT (9) SHOWING THE NUMBER OF REFUSE  
RECEPTACLES IN EACH WARD, DECEMBER 31st, 1919.

Ward.	Wet Pits.		Dry Pits.		Dust Bins.	Totals.
	Double	Single	Double	Single		
Stretford ...	—	—	173	60	1160	1393
Longford ...	—	1	86	87	563	737
Talbot.... ...	—	—	95	58	1451	1604
Trafford ...	—	—	279	118	2151	2548
Cornbrook ...	—	—	80	137	472	689
Clifford ...	—	—	320	172	771	1263
Park ... ..	—	—	7	19	988	1014
Total 1919 ...	—	1	1040	651	7556	9248

## LOADS OF REFUSE REMOVED.

STATEMENT (10) SHOWING NUMBER OF LOADS OF NIGHTSOIL,  
ASHES, CLINKERS, ETC., REMOVED MONTHLY.

Month.	Number of Loads removed from				Clinkers, Flue Dust, etc.	Total Loads Re- moved.
	Pail Closets.		Dry Pits.	Dust Bins.		
	Night- soil.					
January ...	15	—	135	452·5	138	740·5
February ...	16	—	161	482	144	803
March ...	16	—	201	433	150	800
April ...	14	—	224	495	295	1028
May ...	16	—	226	594	144	980
June ...	11	—	232	476	31	750
July ...	11	—	238	421	63	733
August ...	15	—	186	565	120	886
September ...	12	—	186	456	82	736
October ...	15	—	212	540	192	959
November ...	12	—	153	465	110	740
December ...	12	—	209	506	136	863
Total 1919 ...	165	—	2363	5885·5	1605	10018·5



STATEMENT (11) SHOWING NUMBER OF REFUSE RECEPTACLES  
EMPTIED EACH MONTH.

Month.	Pail Closets.	Dry Pits.	Sanitary Dust Bins.	Total Emptied.
January ... ..	715	577	16125	17417
February ... ..	589	603	15986	17178
March ... ..	561	515	15605	16681
April ... ..	607	794	17373	18774
May ... ..	608	911	24795	26304
June ... ..	571	1057	21670	23298
July ... ..	640	1446	22791	24877
August ... ..	731	1084	28299	30114
September ... ..	627	1243	22561	24431
October ... ..	716	1211	24318	26245
November ... ..	589	764	22341	23694
December ... ..	571	754	23844	25169
Total 1919 ... ..	7525	10959	255708	274182
Total 1918 ... ..	6277	7346	164920	178543

STATEMENT (12) SHOWING WHERE LOADS OF NIGHTSOIL, CLINKERS, REFUSE, BRICKBATS, FLUE DUST, Etc., HAVE BEEN TIPPED EACH MONTH.

NIGHTSOIL, ASHES, ETC.				CLINKERS, FLUE DUST, BRICKBATS, SOIL, ETC.													
Month.	Firs Farm.	Tips		Total.	Lowe's Tip			Knutstord Avenue	Allotments King's Road	Turner Street	T. Maidens	Cornbr'k Siding	Glover's	Elsinore Road	Miscellaneous Tips.	Total.	Grand Total.
		Lowe's.	Destruc- tor.		C.	F.D.	B.B.										
January ...	15	218	369.5	602.5	—	—	38	30	—	70	—	—	—	—	—	138	740.5
February ...	16	296	347	659	35	6	58	10	—	35	—	—	—	—	—	144	803
March ...	16	333	301	650	3	24	23	—	—	91	—	9	—	—	—	150	800
April ...	14	390	329	733	—	118	—	—	—	139	—	38	—	—	—	295	1028
May ...	16	446	374	836	—	5	13	—	—	126	—	—	—	—	—	144	980
June ...	11	422	286	719	—	21	—	—	—	10	—	—	—	—	—	31	750
July ...	11	360	299	670	—	10	—	—	—	53	—	—	—	—	—	63	733
August ...	15	410	296	766	—	2	—	—	73	45	—	—	—	—	—	120	886
September	12	320	322	654	—	32	—	—	—	50	—	—	—	—	—	82	736
October ...	15	335	417	767	—	25	—	—	—	160	—	—	—	7	—	192	959
November...	12	292	326	630	—	14	—	—	—	46	—	—	—	50	—	110	740
December ...	12	410	305	727	4	21	—	—	—	22	—	—	—	89	—	136	863
Total 1919	165	4232	3971.5	8413.5	42	278	132	40	73	847	—	47	—	146	—	1605	10018.5

## DESTRUCTOR WORKS.

STATEMENT (13) SHOWING THE NUMBER OF LOADS DEALT  
WITH MONTHLY AT THE DESTRUCTOR WORKS.

Month.	Loads Tipped	Assumed Weight.						Hours Worked
		Tipped & Destroyed			Destroyed per cell per 12 hours.			
January ... ..	369·5	T.	C.	Q.	T.	C.	Q.	420
February ... ..	347	444	18	1	6	7	1	358
March ... ..	301	412	9	0	6	18	0	360
April ... ..	329	385	2	3	6	8	1	362
May ... ..	374	402	5	0	6	13	0	432
June ... ..	286	461	7	3	6	9	0	342
July ... ..	299	354	10	0	6	5	0	360
August ... ..	296	370	6	0	6	4	0	324
September ... ..	322	363	2	3	6	19	3	360
October ... ..	417	392	3	0	6	10	3	450
November ... ..	326	503	19	1	6	10	2	360
December ... ..	305	395	19	0	6	12	0	360
		376	0	0	6	6	0	
Total 1919 ... ..	3971·5	4862	2	3	*6	10	1	4488
Total 1918 ... ..	3899	4687	5	1	*6	8	3	4383

\* Average for twelve months.

## HACKNEY CARRIAGE DEPARTMENT.

STATEMENT (14) SHOWING NUMBER OF LICENSES ISSUED FROM  
JANUARY 1ST TO DECEMBER 31ST, 1919.

Class of License.	1919 No. Issued.	Rate. s. d.	Amount Received. £ s. d.	1918 No. Issued.	Rate. s. d.	Amount Received. £ s. d.	Increase. £ s. d.	Decrease. £ s. d.
Cricket Ground ... ..	2	5 0	0 10 0	—	—	—	0 10 0	—
Special Hackney Drivers ... ..	2	1 0	0 2 0	—	—	—	0 2 0	—
Hackney Coach ... ..	13	5 0	3 5 0	9	5 0	2 5 0	1 0 0	—
Omnibus ... ..	8	6 0	0 4 0	18	0 6	0 9 0	—	0 5 0
Tram Car ... ..	1	5 0	0 5 0	—	—	—	0 5 0	—
Hackney Drivers' Licenses...	199	1 0	9 19 0	191	1 0	9 11 0	0 8 0	—
Omnibus Drivers ... ..	16	1 0	0 16 0	10	1 0	0 10 0	0 6 0	—
Omnibus Drivers ... ..	320	1 0	16 0 0	301	1 0	15 1 0	0 19 0	—
Omnibus Conductors ... ..	1	3 0	0 3 0	—	—	—	3 0 0	—
Petroleum ... ..	325	1 0	16 5 0	301	1 0	15 1 0	1 4 0	—
Carbide of Calcium ... ..	1	3 0	0 3 0	—	—	—	0 3 0	—
Street Trading ... ..	54	2 6	6 15 0	45	2 6	5 12 6	1 2 6	—
Slaughterhouse ... ..	6	2 6	0 15 0	6	2 6	0 15 0	—	—
Game ... ..	16	0 6	0 8 0	32	0 6	0 16 0	—	0 8 0
Other Licenses—	5	1 0	0 5 0	5	1 0	0 5 0	—	—
Football & Cricket Specials	4	7 6	1 10 0	2	7 6	0 15 0	0 15 0	—
Special (Football) ... ..	—	—	—	—	—	—	—	—
*Street Trading (Exchanged)	28	—	—	40	—	—	—	—
Special Day Licenses ... ..	—	—	—	—	—	—	—	—
*Provisional Licenses...	8	—	—	—	—	—	—	—
*Repairs ... ..	3	—	—	—	—	—	—	—
Fluid Cards issued ... ..	566	1 2	2 7 2	604	0 1	2 10 4	—	0 3 2
Broken Bottles Paid for ... ..	164	—	1 7 4	—	—	7 6	0 19 10	—
No. of Licenses issued ... ..	973	—	60 19 6	*960	—	53 18 4	7 17 4	0 16 2

\* Discontinued to be issued by the Health Department in May and not included in total.



## STATEMENT (15) MAGISTERIAL PROCEEDINGS.

Prosecution taken under	Offence.	No. of Cases.	Fines and Costs.		
			£	s.	d.
Towns Police Clauses Act, 1847	Chimney Firing ... ..	—	—	—	—
Food & Drugs Acts.	Milk (Adultration) ...	1	3	11	0*
Ditto ... ..	Margarine Order ... ..	1	9	0	0*
Public Health Act, 1875 ... ..	Neglecting to abate a nuisance ... (Sec. 36)	1	(A)		
Council Bye-laws ...	Breach of Bye-law 29...	1	2	3	6
Ditto ... ..	Breach of Hackney Coach Bye-law ...	1	2	10	0
		5	£17	4	6

\* Prosecutions by County Police.

(A) Order made with costs to pay £25 per quarter to liquidate  
a cost of £241 17 10



